

elvace

CM*e***SERIES**
The everything meter.

Report Templates
Description Template
3005

CMe2100, CMi2110, CMi2120, CMi2130

HTTP event report - single post - plain

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1 Document notes

All information in this manual, including product data, diagrams, charts, etc. represents information on products at the time of publication, and is subject to change without prior notice due to product improvements or other reasons. It is therefore recommended that customers contact Elvaco AB for the latest product information before purchasing a CMe/CMi Series product.

The documentation and product are provided on an "as is" basis only and may contain deficiencies or inadequacies. Elvaco AB takes no responsibility for damages, liabilities or other losses by using this product.

1.1 Copyright and Trademark

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CMe/CMi Series is a trademark of Elvaco AB, Sweden.

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2 Using this document

2.1 Purpose and Audience

This document describes the contents of the report information created from report template 3005. Use this document together with Report Template Reference Information for complete understanding of this report template contents.

For customer specific templates, please contact Elvaco AB.

2.2 Models

CMe2100,CMi2110,CMi2120,CMi2130

2.3 Additional and updated information

Latest documentation version is available on Elvaco web site at <http://www.elvaco.com>.

3 Report format

This report contains event information sent from the product. Example of events are firmware updated and rebooted unexpectedly. This report sends an event report using HTTP POST to an HTTP server. On execution of this report, one post with event information is sent to the HTTP Server.

3.1 HTTP Headers

3.1.1 User-Agent

To identify the product, the HTTP header User-Agent is filled with the following information:

```
User-Agent=TC65i/<imei> Profile/IMP-NG Configuration/CLDC-1.1
Model/<model> Hardware/<hw> Firmware/<fw> Application/<sw>
Serial/<serial>
```

Parameter description

<imei>	15 digit product module IMEI number
<model>	Product model, i.e. CMe1000, CMe1100, CMe2000, CMe2100
<hw>	Product hardware version, i.e R4A
<fw>	Product module firmware version, i.e. 01.100
<sw>	Product software version, i.e. 1.1.0
<serial>	10 digit product serial number, i.e. 0006000000

3.1.2 Filename

Filename header is filled with a name which can be useful when storing the body contents in a file on a server share.

Filename of the report data file sent to server is in the following format:

```
<serial-number>_eventreport_<time>_<report-id>.csv.
```

Example of a file sent from a product with serial number 0006123456 at 2010-09-01 01:00:00:

```
0006123456_eventreport_20100901010000_3005.csv.
```

3.2 Body contents

The body contains a column header line and key value pairs of information. See Table 1 for column line information definition and Table 2 for value line definition.

Column index (0 = first column)	Column contents	Description
0	#	Fixed value indicating column information line.
1	key	Fixed value
2	value	Fixed value

Table 1 Column header line definition

Column index (0 = first column)	Column contents	Description
0	<key>	Key name Can be one of the following: time serial-number event module-revision sw-version prepaid-infoavailable prepaid-credits prepaid-currency prepaid-expiredate
1	<value>	Value
Example of body contents for firmware update event		
<pre>#key;value time;2010-09-01 00:01:02 serial-number;0006123456 event;fwupdate module-revision;1.100</pre>		

Table 2 Value line definition and example file

3.3 Definitions

Type	Value	Description
Column delimiter	Semi-colon ";"	The field separator
Decimal point delimiter	Not used	Decimal separator character
End of line character(s)	CRLF (0x0D0A)	End of every line, before starting a new line.

Table 3 Definitions

4 Document History

Version	Date	Description	Author
1.0	2010-09-27	First release	David Vonasek

4.1 Document software and hardware appliance

Type	Version	Date	Comments
Hardware	-	-	-
Software	>1.1.5	2010-03	

5 References

5.1 References

- [1] CMe Series User's Manual
- [2] CMi2110 User's Manual
- [3] CMi2120 User's Manual
- [4] CMi2130 User's Manual
- [5] Report Template Description [n], where n is the report template id

5.2 Terms and Abbreviations

Abbreviation	Description

5.2.1 Number representation

Decimal numbers are represented as normal number, i.e. 10 (ten).

Hexadecimal numbers are represented with prefix 0x, i.e. 0x0A (ten)

Binary numbers are represented with prefix 0b, i.e. 0b00001010 (ten)